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Applicant	:	SHIN, JOUNG-YOUL
TC/A.U.	:	N/A
Examiner	:	N/A
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Customer No.	:	52706

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Commissioner for Patents  
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#### **PRELIMINARY AMENDMENT**

Dear Sir or Madam:

This is a preliminary amendment being submitted together with the PCT National Stage Application, as referenced above.

**Marked-up version of claim amendment** begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.

**Claim Amendment**

Claim 1 (original) A plate type speaker, comprising:

a plate-shaped diaphragm for receiving horizontal vibration to generate vertical vibration ;

a base frame having a fixing portion to which one end of the diaphragm is coupled;

a voice coil plate having one end connected to the other end of the diaphragm, said voice coil plate being mounted on the base frame to horizontally vibrate and having a voice coil wound on either or both of surfaces thereof ; and

a magnetic body having opposite polarities at positions spaced apart by predetermined distances from top and bottom surfaces of the voice coil plate, said magnetic body being coupled to the base frame.

Claim 2 (original) A plate type speaker, comprising:

a plate-shaped diaphragm for receiving horizontal vibration to generate vertical vibration;

a base frame ;

voice coil plates, each of said voice coil plates having one end connected to one of opposite ends of the diaphragm, each of said voice coil plates being mounted on the base frame to horizontally vibrate and having a voice coil wound on either or both of surfaces thereof ; and

magnetic bodies having opposite polarities at positions spaced apart by predetermined distances from top and bottom surfaces of the corresponding one of the voice coil plates, said magnetic bodies being coupled to the base frame.

Claim 3 (currently amended) The plate type speaker as claimed in claim 1 or 2, wherein the magnetic body further comprises opposite polarities at lateral side ends thereof horizontally spaced apart by a predetermined distance from each other at the positions spaced apart by the predetermined distances from the top and bottom surfaces of the voice coil plate.

Claim 4 (original) The plate type speaker as claimed in claim 3, wherein the magnetic body comprises assemblies each of which includes:  
a permanent magnet with opposite polarities at left and right sides thereof ;  
a left plate coupled to the left side of the permanent magnet; and  
a right plate coupled to the right side of the permanent magnet,  
wherein the assemblies are arranged at the positions spaced apart by the predetermined distances from the top and bottom surfaces of the voice coil plate.

Claim 5 (original) The plate type speaker as claimed in claim 3, wherein the voice coil wound on either or both of the surfaces of the voice coil plate has both opposite ends located at left and right sides of the magnetic body.

Claim 6 (currently amended) The plate type speaker as claimed in claim 1 or 2, wherein the diaphragm is upwardly convexly curved.

Claim 7 (currently amended) The plate type speaker as claimed in claim 1 or 2, the base frame comprises a supporting groove for supporting the other end of the voice coil plate.

Claim 8 (currently amended) The plate type speaker as claimed in claim 1 or 2, wherein the base frame comprises at least one supporting groove bored through the base frame, in order to support at least one portion of the voice coil plate on the left or right side or both sides of the voice coil formed on the voice coil plate.

Claim 9 (currently amended) The plate type speaker as claimed in claim 1 or 2, further comprising a supporting member having both ends connected to the voice coil plate and the base frame, respectively, to support the voice coil plate.

**Remarks**

This amendment is directed to eliminate multiple dependent claims in the original international application.

Applicant has amended respective multiple dependent claims to single dependent claims, accordingly.

Claims 3, 6, 7, 8 and 9 (five out of total nine claims) have been amended from multiple dependent claims to single dependent claims. No multiple dependent claims exist after this amendment.

Specification, drawing and abstract remain unchanged.

No new matters are included in this amendment.

Applicant now respectively requests a timely examination of the PCT national stage application in consideration of this preliminary amendment.

Respectively submitted,

IPLA P.A.

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/James E. Bame/

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